APPENDIX

Schema of Asynchronous Message and Data Therein

Following is typical data that is put into a message:

i_LogID	Unique ID for this logging record
s_HostMachineName	Server that generated this record
dt_RequestTime	Date & time of request
s_RequestPath	URL path of request
s_RequestType	Type of request
s_RequestUserAddress	IP address of client
s_RequestUserAgent	User agent header of client
s_AuthenticatedState	Is request Authenticated
s_SecureConnectionState	Is connection SSL protected
s_AuthenticatedId	ID of authenticated user
s_ReceivedXrML	XrML received from client
s_IssuedXrML	XrML License issued in request
s_Metadata	Metadata
s_SuccessOrFailure	"Success" or "Failure"
s_ErrorInformation	Any error data

Additionally, there could be additional values depending on the request type.

For Licensing request type:
GroupIdentityCertificate
GroupIdentities
IssuanceLicense
ApplicationData
SSILCertificate

For Publish request type:
GroupIdentityCertificate

For Certification request type:
UserEmailAddress
UserSID

For Activation request type:

HardwareID

For Enrollment request type:
RevocationInformation
X509Information

For Subenrollment request type:
EnrolleeServerInformation
EnrolleeCertificatePublicKey

Data is placed into the message in namespace-name-value triplets such as:

Namespace("Tungsten")
Property Name("RequestId")
Values("{7563411c-58b5-45ec-84b3-c7c3b855d660}.1")

Namespace("Tungsten")
Property Name("RequestIsAuthenticated")
Values("False")

Namespace("Tungsten")
Property Name("RequestIsSecureConnection")
Values("False")

Namespace("Tungsten")
Property Name("RequestPath")
Values("/Tungsten/Server.asmx/GetLicensorCertificate")

Namespace("Tungsten")
Property Name("RequestUserAgent")
Values("Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; Q312461; .NET CLR 1.0.2914; .NET CLR 1.0.3427)")

Namespace("Tungsten")
Property Name("RequestUserAddress")
Values("127.0.0.1")